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AN: PAT 2002-165142  
TI: Recovering biological object from biological material  
located on support, comprises dissolving away object from  
material by irradiating it using laser beam, and catapulting  
from support to collecting device  
PN: DE10015156-A1  
PD: 18.10.2001  
AB: NOVELTY - Recovering a biological object from a biological  
material located on a support (3) comprises dissolving away the  
object from the material by irradiating it using a laser beam;  
and catapulting from the support to a collecting device (2).  
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included  
for a device for recovering a biological object from a  
biological material comprising a support (3) for holding the  
biological material; a laser source (4) for irradiating the  
material; a collecting device (2) for collecting the biological  
object; and an adjusting device (7) for adjusting the laser  
beam produced by the laser source. Preferred Features:  
Irradiation of the biological object is carried out in the form  
of laser blast. To catapult the biological object from the  
support to the collecting device, the object is radiated with a  
laser beam having an energy which is higher compared with the  
energy used to cut the biological material.; USE - Used in  
biotechnology. ADVANTAGE - The object can be quickly and easily  
removed from the material. DESCRIPTION OF DRAWING(S) - The  
drawing shows a schematic view of the device for recovering a  
biological object from a biological material. Collecting device  
2 Support 3 Laser source 4 Adjusting device 7  
PA: (PALM-) PALM GMBH;  
IN: SCHUETZE K;  
FA: DE10015156-A1 18.10.2001;  
CO: DE;  
IC: G01N-001/04; G01N-001/28; G01N-033/48;  
MC: J04-B01; S03-E13A; S03-E13D; S03-E14H;  
DC: J04; S03;  
FN: 2002165142.gif  
PR: DE1015156 27.03.2000;  
FP: 18.10.2001  
UP: 05.04.2002

